

## ABSTRACT

### 5     PROCESS FOR MEASURING A THREE-DIMENSIONAL OBJECT OR A           SET OF OBJECTS

10     In this system, three-dimensional objects (1, 5,  
      6) in an environment that may be very complex are  
      discerned by identifying their simple contour shapes on  
      images, and the geometric characteristics of these  
      objects and their positions and orientations are then  
      measured. Contours are defined by simple length,  
      inclination, position parameters, etc.. The acquired  
15     knowledge of the environment is used in each new image  
      to refine the estimates, while introducing new object  
      contours that have appeared, into the model.

20     Figure 1A